

31890 ✓ ACTIVE



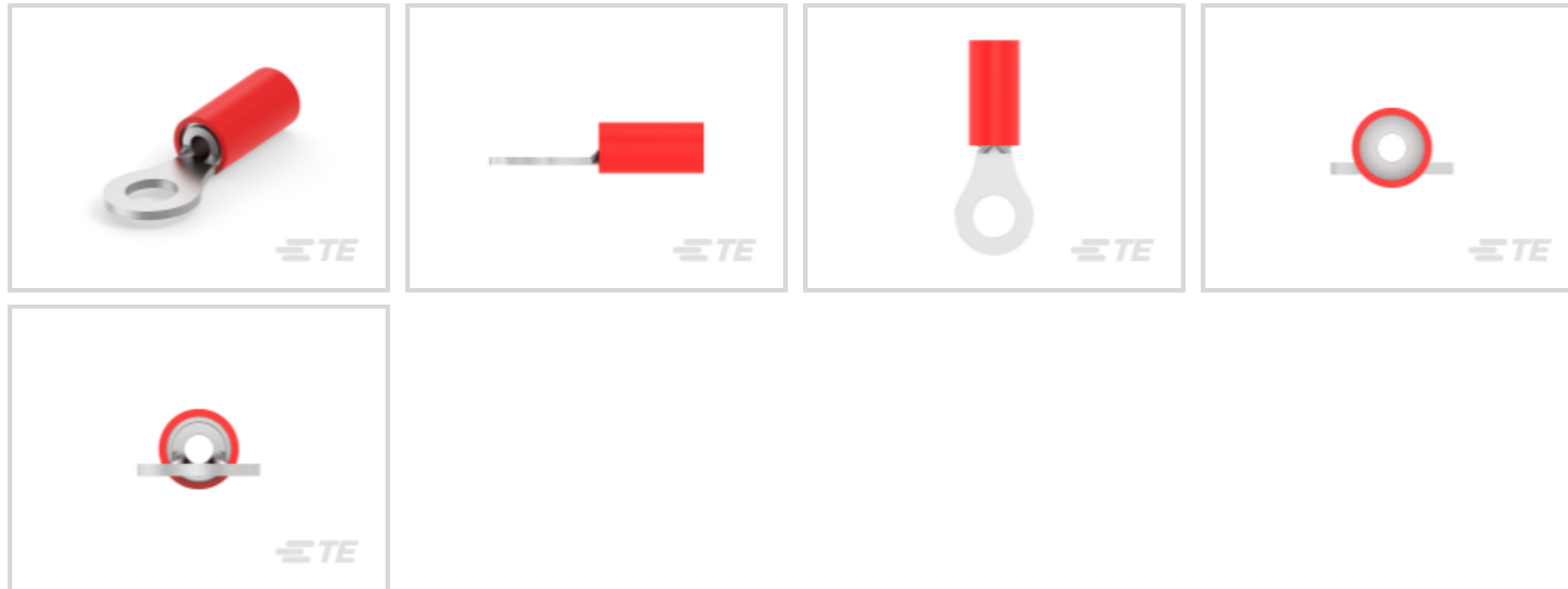
PIDG

TE Internal #: 31890

Closed Ring Tongue Terminal, 22 AWG, #8 / M4 Stud Size, 4.17 mm [.164 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated, PIDG

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Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 509 – 3260 CMA

Stud Size: #8, M4

[All PIDG Ring Tongue Terminals \(418\)](#)

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#8, M4
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1
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Electrical Characteristics

Voltage Rating	300 V
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Body Features

Product Weight	.904 g
Insulation Sleeve Color	Red
Stripe Color	Red

Contact Features

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Military Part Class	Class I
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	4.17 mm [.164 in]
Tongue Thickness	.84 mm [.033 in]
Product Length	21.44 mm [.844 in]
Compatible Insulation Diameter (Max)	3.56 mm [.14 in]
Compatible Insulation Diameter Range	2.67 – 3.56 mm [.105 – .14 in]

### Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	105 °C [221 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin

### Industry Standards

Government Qualified Terminal	Yes
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### Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

### Other

Terminals & Splices Comment	Available On-Tape for Automatic Termination.
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant











China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts

 <p>TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p>	 <p>TE Part # 47386 DAHT PG PIDG 26-16 ASSY</p>	 <p>TE Part # 47386-4 DAHT PG PIDG 26-16 ASSY</p>	 <p>TE Part # 59250 T-HEAD PIDG 26-14 ASSY</p>
 <p>TE Part # 58423-1 DIE, RBY IS9252</p>	 <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p>	 <p>TE Part # 525690 DAHT PG PIDG 20-18 ASSY</p>	 <p>TE Part # 539691-2 ERGO DIE R.B.Y</p>



TE Part # 2063030-1  
SDE DIESET, RBY, UL



TE Part # 47806-2  
DIES PIDG 22-16 DIE SET



TE Part # 59300  
T-HEAD PIDG PG 26-16 ASSY



TE Part # 6-1377173-8  
SMP 0-0031890-0



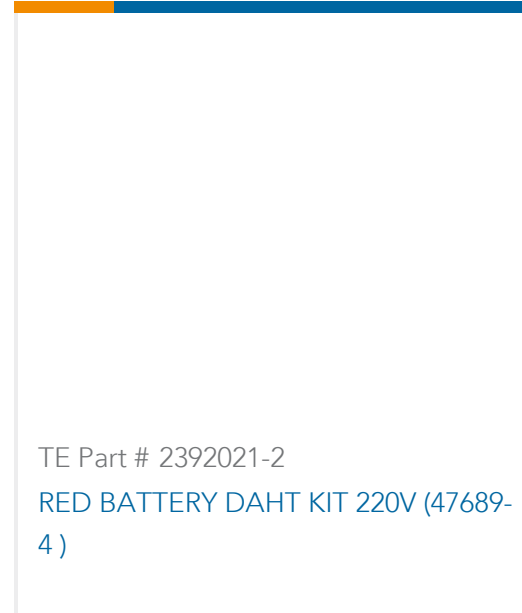
TE Part # 169400  
CERTI-LOK FRAME W/O DIES



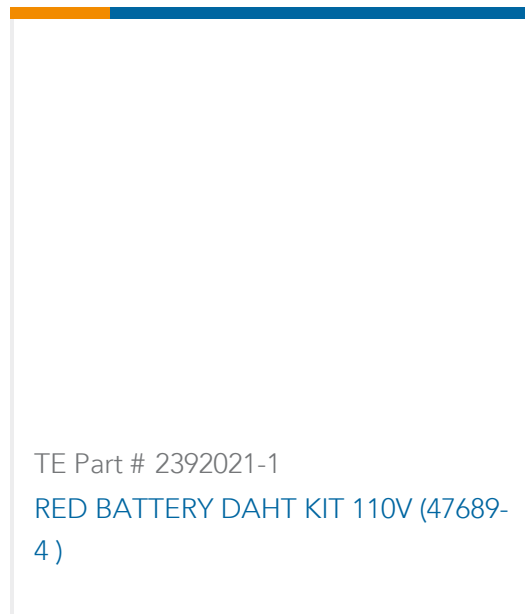
TE Part # 1SET191001R0000  
CRIMP-HT



TE Part # 1SET191002R0000  
TET CRIMP-HT



TE Part # 2392021-2  
RED BATTERY DAHT KIT 220V (47689-4)

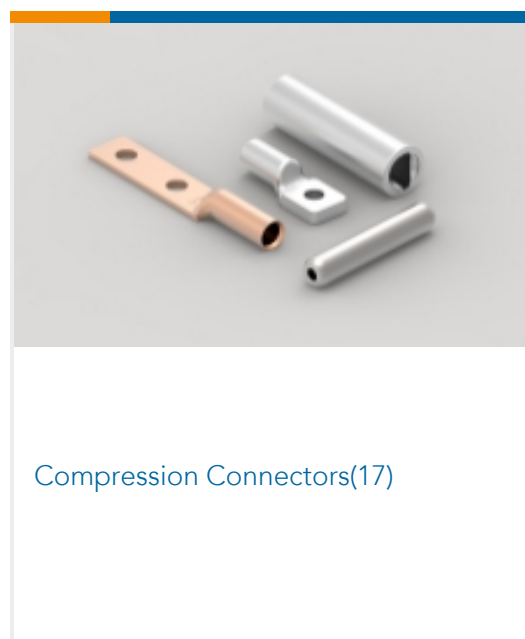


TE Part # 2392021-1  
RED BATTERY DAHT KIT 110V (47689-4)

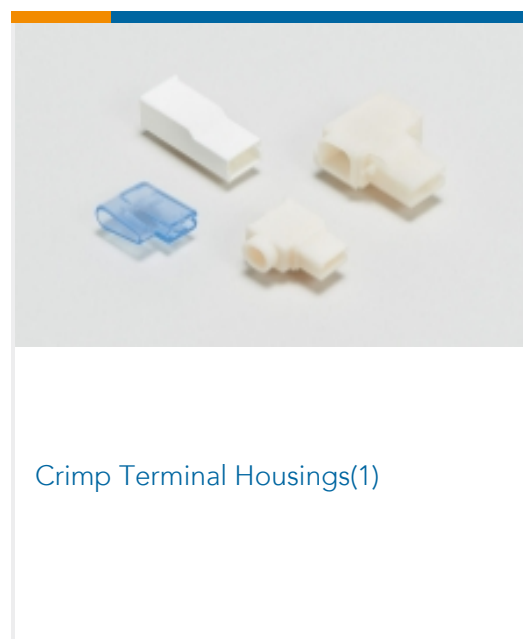


TE Part # 169404  
CERTI-LOK DIE

## Also in the Series | PIDG



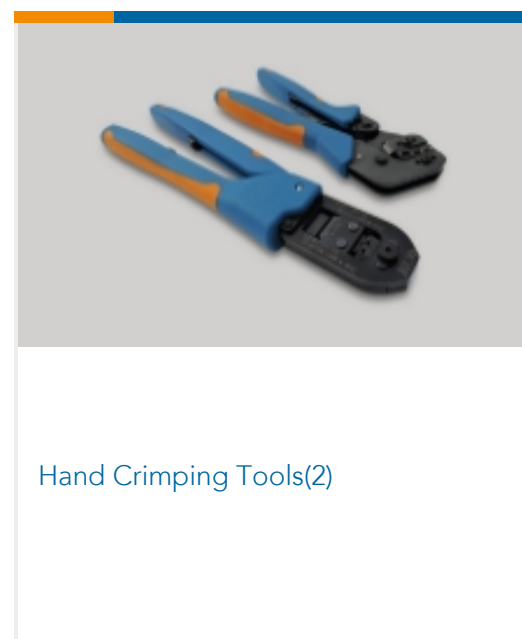
Compression Connectors(17)



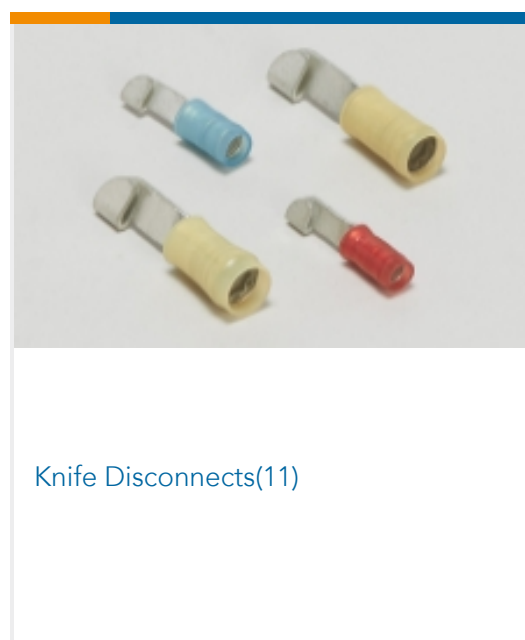
Crimp Terminal Housings(1)



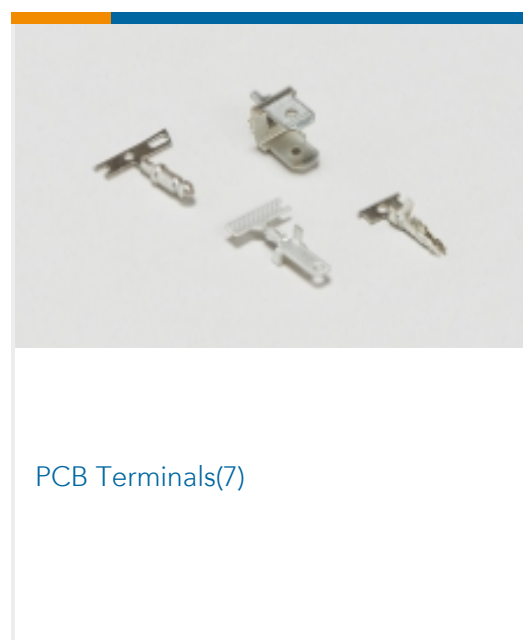
Crimp Wire Pins, Tabs & Ferrules(41)



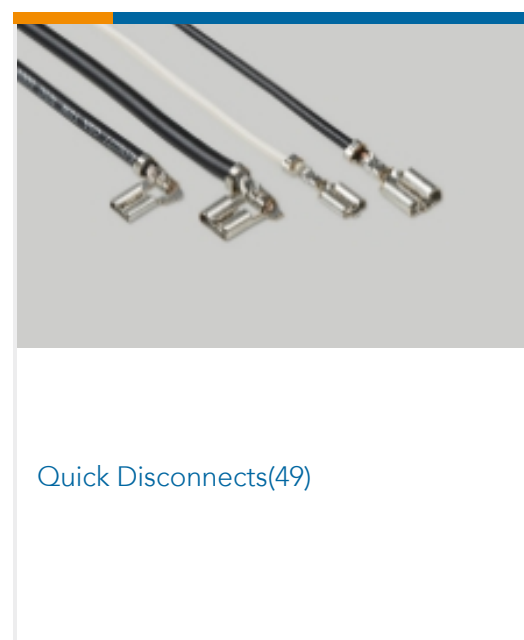
Hand Crimping Tools(2)



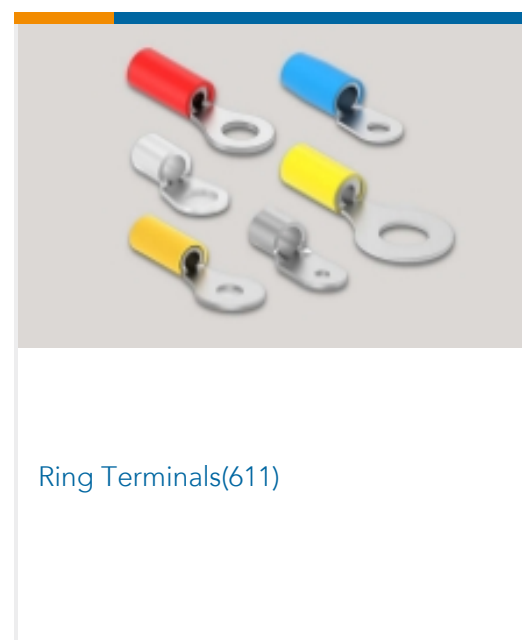
Knife Disconnects(11)



PCB Terminals(7)

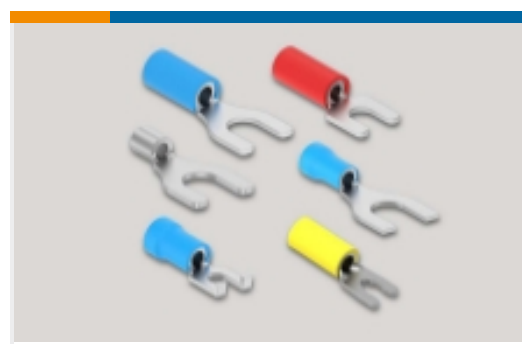


Quick Disconnects(49)

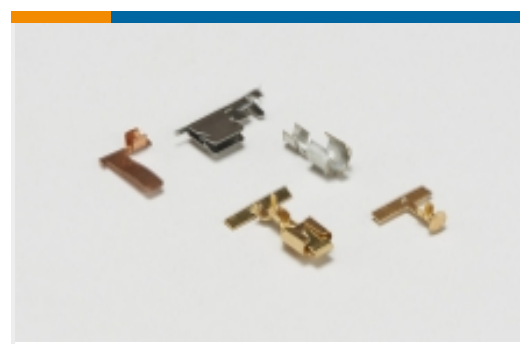


Ring Terminals(611)





Spade Terminals(233)

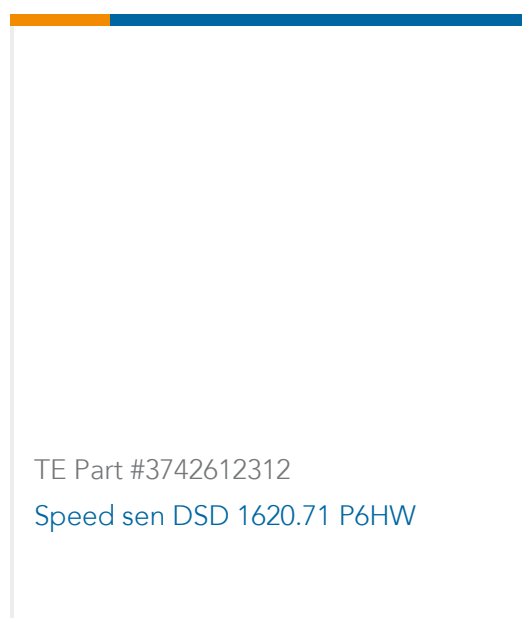
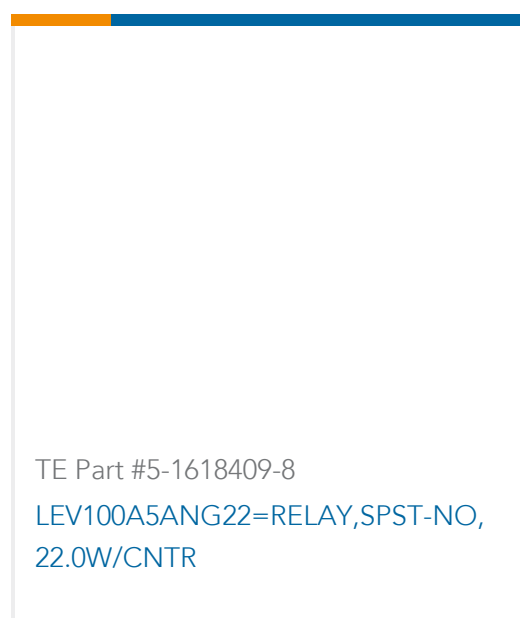


Special Purpose Terminals(1)



Splices(46)

## Customers Also Bought

TE Part #36152  
PIDG R 22-16 COMM 22-18 MIL 6TE Part #119895-000  
D-500-0255-533-3TE Part #8-322996-1  
TERMINAL,SOLIS SPD 16-14 6TE Part #1-1618409-5  
LEV100A5ANG10=RELAY, SPST-NO W /CONNECTORTE Part #3742612312  
Speed sen DSD 1620.71 P6HWTE Part #5-1618409-8  
LEV100A5ANG22=RELAY,SPST-NO, 22.0W/CNTR

## Documents

### Product Drawings

[PIDG R 22-16 COMM 22-18 MIL 8](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_31890\\_AF.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_31890\\_AF.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_31890\\_AF.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[PIDG TERMINALS & SPLICES Quick Reference Guide](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Product Environmental Compliance**

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English

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**Agency Approvals**

[UL Report](#)

English

[UL Report](#)

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